

Application No. 10/083,324

Docket No. CTX-079

AMENDMENTS TO THE CLAIMS

Upon entry of this amendment, the following listing of claims will replace all prior versions and listings of claims in the pending application.

IN THE CLAIMS

Please amend claims 1, 23, 45 and 68, and cancel claim 67 as follows:

1. (Currently Amended) A method of authenticating a client to a content server comprising the steps of:

generating, by a ticket authority, ~~a ticket associated with said client, said ticket comprising a first ticket and a second ticket wherein said second ticket is generated before said first ticket is validated and said second ticket is disabled from use;~~

transmitting, by said ticket authority, said first ticket to said client;

validating, by said ticket authority, said first ticket;

using, by said client, said first ticket to establish a communication session with a content server proxy after said first ticket is validated;

enabling, by said ticket authority, said second ticket for use upon said validation of said first ticket; and

using, by said content server proxy, said enabled second ticket to establish a communication session with said content server.

2. (Previously Presented) The method of claim 1 wherein, prior to generating said ticket associated with said client, said client is authenticated to a web server.

3. (Previously Presented) The method of claim 1 wherein said ticket authority transmits said first ticket to a web server and said web server transmits said first ticket to said client.

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4. (Previously Presented) The method of claim 1 wherein said client transmits said first ticket to said content server proxy.
5. (Previously Presented) The method of claim 1 wherein said content server proxy transmits said first ticket to said ticket authority and said ticket authority transmits said second ticket to said content server proxy upon validation of said first ticket.
6. (Previously Presented) The method of claim 1 wherein said content server proxy transmits said second ticket to said content server upon said enabling of said second ticket.
7. (Previously Presented) The method of claim 1 wherein said content server validates said second ticket with said ticket authority.
8. (Previously Presented) The method of claim 7 wherein said content server makes a request to said ticket authority to validate said second ticket.
9. (Previously Presented) The method of claim 7 wherein said ticket authority pushes said second ticket to said content server for validation.
10. (Previously Presented) The method of claim 1 wherein said ticket authority transmits said second ticket to a web server and said web server pushes said second ticket to said content server for validation.
11. (Previously Presented) The method of claim 1 wherein said ticket authority transmits said first ticket and said disabled second ticket to a web server and said web server transmits said first ticket and said disabled second ticket to said client.
12. (Previously Presented) The method of claim 11 wherein said client transmits said first ticket and said disabled second ticket to said content server proxy.
13. (Previously Presented) The method of claim 1 further comprising transmitting said disabled second ticket to at least one of said content server proxy and a web server.

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14. (Previously Presented) The method of claim 1 further comprising transmitting said enabled second ticket to said content server proxy.
15. (Previously Presented) The method of claim 1 wherein a communication session protocol is established between said client and said content server.
16. (Previously Presented) The method of claim 1 wherein a first communication session protocol is established between said client and said content server proxy and a second communication session protocol is established between said content server proxy and said content server, said client communicating with said content server via said first communication session and said second communication session.
17. (Previously Presented) The method of claim 16 wherein said first communication session protocol is different from said second communication session protocol.
18. (Previously Presented) The method of claim 1 wherein a first communication session protocol is established between said client and said content server proxy and a second communication session protocol is established between said client and a web server.
19. (Previously Presented) The method of claim 18 wherein said first communication session protocol is different from said second communication session protocol.
20. (Previously Presented) The method of claim 1 wherein said client comprises a web based browser.
21. (Previously Presented) The method of claim 1 wherein said content server proxy is a secure socket layer relay.
22. (Previously Presented) The method of claim 1 wherein said transmitting of said second ticket to said content server proxy further comprises transmitting an address of said content server to said content server proxy.

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23. (Currently Amended) A system for authenticating a user comprising:

a client;

a ticket authority;

a content server; and

a content server proxy in communication with said client, said ticket authority,

and said content server,

wherein said ticket authority generates ~~a ticket associated with said client, said ticket comprising a first ticket and a second ticket, said second ticket is generated before said first ticket is validated and said second ticket is disabled from use.~~

wherein said first ticket is transmitted to said client and used to establish a first communication session with said content server proxy, and

wherein said second ticket is transmitted to said content server proxy and used to establish a second communication session with said content server.

24. (Previously Presented) The system of claim 23 wherein, prior to said ticket authority generating said ticket associated with said client, said client is authenticated to a web server.

25. (Previously Presented) The system of claim 23 wherein said ticket authority transmits said first ticket to a web server and said web server transmits said first ticket to said client.

26. (Previously Presented) The system of claim 23 wherein said client transmits said first ticket to said content server proxy.

27. (Previously Presented) The system of claim 23 wherein said content server proxy transmits said first ticket to said ticket authority and said ticket authority transmits said second ticket to said content server proxy.

28. (Previously Presented) The system of claim 23 wherein said content server proxy transmits said second ticket to said content server.

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29. (Previously Presented) The system of claim 23 wherein said content server validates said second ticket with said ticket authority.
30. (Previously Presented) The system of claim 29 wherein said content server makes a request to said ticket authority to validate said second ticket.
31. (Previously Presented) The system of claim 29 wherein said ticket authority pushes said second ticket to said content server for validation.
32. (Previously Presented) The system of claim 23 wherein said ticket authority transmits said second ticket to a web server and said web server pushes said second ticket to said content server for validation.
33. (Previously Presented) The system of claim 23 wherein the second ticket is disabled and transmitted with said first ticket to said client.
34. (Previously Presented) The system of claim 33 wherein said ticket authority transmits said first ticket and said disabled second ticket to a web server and said web server transmits said first ticket and said disabled second ticket to said client.
35. (Previously Presented) The system of claim 33 wherein said client transmits said first ticket and said disabled second ticket to said content server proxy.
36. (Previously Presented) The system of claim 33 wherein said content server proxy transmits said first ticket and said disabled second ticket to said ticket authority and said ticket authority enables said disabled second ticket.
37. (Previously Presented) The system of claim 36 further comprising transmitting said enabled second ticket to said content server proxy.
38. (Previously Presented) The system of claim 23 wherein a communication session protocol is established between said client and said content server.

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39. (Previously Presented) The system of claim 23 wherein a first communication session protocol is established between said client and said content server proxy and a second communication session protocol is established between said content server proxy and said content server.
40. (Previously Presented) The system of claim 39 wherein said first communication session protocol is different from said second communication session protocol.
41. (Previously Presented) The system of claim 23 wherein a first communication session protocol is established between said client and said content server proxy and a second communication session protocol is established between said client and a web server.
42. (Previously Presented) The system of claim 41 wherein said first communication session protocol is different from said second communication session protocol.
43. (Previously Presented) The system of claim 23 wherein said client comprises a web based browser.
44. (Previously Presented) The system of claim 23 wherein said content server proxy is a secure socket layer relay.
45. (Currently Amended) A system for authenticating a user comprising:
- a client;
 - a ticket authority generating a ticket associated with said client, said ticket comprising a first ticket and a second ticket wherein said second ticket is generated before said first ticket is validated and said second ticket is disabled from use;
 - a content server;
 - a content server proxy in communication with said client, said ticket authority, and said content server and receiving said first ticket; and

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a web server in communication with said client and said ticket authority,
wherein said content server proxy establishes a first communication session
between said client and said content server proxy after said ticket authority validates said first
ticket,

wherein said ticket authority enables said second ticket after said validation of
said first ticket, and

wherein said content server proxy uses said enabled second ticket to establish a
second communication session with a protocol different from said first communication session
protocol.

46. (Previously Presented) The system of claim 45 wherein said client is authenticated to said
web server.

47. (Previously Presented) The system of claim 45 wherein said ticket authority transmits
said first ticket to said web server.

48. (Previously Presented) The system of claim 45 wherein said web server transmits said
first ticket to said client.

49. (Previously Presented) The system of claim 45 wherein said client transmits said first
ticket to said content server proxy.

50. (Previously Presented) The system of claim 45 wherein said content server proxy
transmits said first ticket to said ticket authority.

51. (Previously Presented) The system of claim 45 wherein said ticket authority transmits said
enabled second ticket to said content server proxy.

52. (Previously Presented) The system of claim 45 wherein said content server proxy
transmits said enabled second ticket to said content server.

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53. (Previously Presented) The system of claim 45 wherein said content server validates said enabled second ticket with said ticket authority.

54. (Previously Presented) The system of claim 53 wherein said content server makes a request to said ticket authority to validate said enabled second ticket.

55. (Previously Presented) The system of claim 53 wherein said ticket authority pushes said enabled second ticket to said content server for validation.

56. (Previously Presented) The system of claim 45 wherein said ticket authority transmits said second ticket to said web server and said web server pushes said second ticket to said content server for validation.

57. (Previously Presented) The system of claim 45 wherein the second ticket is disabled and transmitted with said first ticket to said client.

58. (Previously Presented) The system of claim 57 wherein said ticket authority transmits said first ticket and said disabled second ticket to said web server and said web server transmits said first ticket and said disabled second ticket to said client.

59. (Previously Presented) The system of claim 57 wherein said client transmits said first ticket and said disabled second ticket to said content server proxy.

60. (Previously Presented) The system of claim 57 wherein said content server proxy transmits said first ticket and said disabled second ticket to said ticket authority and said ticket authority enables said disabled second ticket.

61. (Previously Presented) The system of claim 60 further comprising transmitting said enabled second ticket to said content server proxy.

62. (Previously Presented) The system of claim 45 wherein a communication session protocol is established between said client and said content server.

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63. (Previously Presented) The system of claim 45 wherein a third communication session protocol is established between said content server proxy and said content server.
64. (Previously Presented) The system of claim 63 wherein said first communication session protocol is different from said third communication session protocol.
65. (Previously Presented) The system of claim 45 wherein said client comprises a web based browser.
66. (Previously Presented) The system of claim 45 wherein said content server proxy is a secure socket layer relay.
67. (Cancelled)
68. (Currently Amended) A system for authenticating a user comprising:
- means for generating, by a ticket authority, ~~a ticket associated with said client,~~
 - ~~said ticket comprising~~ a first ticket and a second ticket wherein said second ticket is generated before said first ticket is validated and said second ticket is disabled from use;
 - means for transmitting, by said ticket authority, said first ticket to said client;
 - means for using, by said client, said first ticket to establish a first communication session with a content server proxy;
 - means for transmitting, by said ticket authority, said second ticket to said content server proxy; and
 - means for using, by said content server proxy, said second ticket to establish a second communication session with a content server.